S AO 120 (Rev. 3/04)				
	Mail Stan 8		REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK	
In Complian	Marthara Diate	5 U.S.C. § 1116 you are hereby ad lct of Georgia on the followin		
DOCKET NO 1:10-EV-1154-TWT	DATE FILED 4/19/2010	U.S. DISTRICT COURT	ern District of Georgia	
PLAINTIFF Georgia-Pacific Consul		DEFENDANT	ng Consortlum, inc. and United	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER O	F PATENT OR TRADEMARK	
1 US 6,871,815 B2	3/29/2005	Georgia-Pacific Corpora	Georgia-Pacific Corporation, Atlanta	
2 US 7,017,856 B2	3/28/2006	Georgia-Pacific Corporation, Atlanta		
3 US 7,387,274 B2	6/17/2008	Georgia-Pacific Corporation, Atlanta		
4				
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In the abo	INCLUDED BY	patent(s)/ trademark(s) have been in		
PATENT OR	DATE OF PATENT		Cross Bill	
TRADEMARK NO.	OR TRADEMARK	HOLDERO	TATENT ON TRADEWARK	
2		<del> </del>		
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In the abo	ve—entitled case, the following	decision has been rendered or judge	ement issued:	
DECISION/JUDGEMENT				
CLERK	(BY	) DEPUTY CLERK	DATE	

## (12) United States Patent Moody et al.

(10) Patent No.: (45) Date of Patent: US 6,871,815 B2 Mar. 29, 2005

- (54) STATIC BUILD UP CONTROL IN **ELECTRONIC DISPENSING SYSTEMS**
- (75) Inventors: John R. Moody, Neenah, WI (US); Joshua M. Broehl, Worthington, OH
- (73) Assignee: Georgia-Pacific Corporation, Atlanta, GA (US)
- (\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 107 days.
- (21) Appl. No.: 09/966,124
- (22) Filed: Sep. 27, 2801
- (65) Prior Publication Data

US 2002/0109034 A1 Aug. 15, 2002

### Related U.S. Application Data

- (63) Continuation-in-part of application No. 09/780,733, filed on Feb. 9, 2001, now Pat. No. 6,592,067.
- (51) Int. Cl.7 ...... B65H 19/80

242/906 

242/560.1, 563, 590, 596, 906; 312/34.8,

#### (56)References Cited

## U.S. PATENT DOCUMENTS

2,193,759 A	3/1940	Birr
2,839,345 A	6/1958	Engel et al.
2,859,814 A	11/1958	
2,930,663 A	3/1960	Weiss
3,007,650 A	11/1961	Burton
3,269,592 A	8/1966	Stye
3,288,387 A		Craven, Jr.
3,384,280 A	5/1968	Summersby
2 620 742 A		Bestien

3,635,417 A	1/1972	Kajiwara et al.
3,730,409 A	5/1973	Ratti
3,743,865 A	7/1973	Rinchmags 307/308
3.850.356 A	11/1974	Abe et al,
3.858,951 A	1/1975	Raumuisen
3.917.191 A	11/1975	Graham, Jr. et al.
4,099,118 A	7/1978	Franklin et al.
4,106,684 A	8/1978	Hartbaner et al.
4.148.442 A	4/1979	Reumann et al.
4.159.807 A	7/1979	Honsel et al.
4,165,138 A	8/1979	Hedge et al.

#### (Continued)

#### FOREIGN PATENT DOCUMENTS

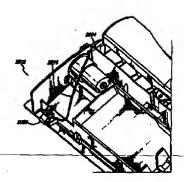
DE	3342921 A1	6/1985
2P	0 459 050 A1	12/1991
EP	O 459 Q50 B1	8/1993
PR.	2 583 729	12/1986
GB	2267271 A	12/1993

Primary Examiner-John Q. Nguyon (74) Attorney, Agent, or Firm-Pulbright & Jaworski L.L.P.

#### ABSTRACT

Apparatus for dispensing paper from rolls which feeds continuously, roll to roll, and does not require extra procedure to bring stub roll into position. The apparatus has device for holding and positioning at least first and second rolls of paper with respect to each other; device for dispensing paper from the first roll; device for dispensing paper from the first and second rolls simultaneously when the first roll reduces to a predetermined diameter of paper, device for positioning the depleted first roll for replacement without the pecessity of removing the second roll; and device for dispensing from the second and replacement rolls simultaneously when the second roll reduces to a predetermined diameter of paper. The apparatus also has a proximity sensor, which senses when a hand is placed near the dispenser, and thereupon dispenses a set amount of towel. The dispenser incorporates device for dissipating static charges to a local ground.

## 7 Chims, 23 Drawing Sheets



# (12) United States Patent Moody et al.

(10) Patent No.:

US 7,017,856 B2

(45) Date of Patent:

\*Mar. 28, 2006

#### (54) STATIC BUILD-UP CONTROL IN DISPENSING SYSTEM

(75) Inventors: John R. Moody, Neenah, WI (US); Joshua M. Brochi, Worthington, OH

(73) Assignee: Georgia-Pacific Corporation, Atlanta, GA (US)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

> This patent is subject to a terminal disclaimer,

(21) Appl. No.: 10/807,988

(22) Filed: Mar. 23, 2004

(65)Prior Publication Date US 2004/0178297 A1 Sep. 16, 2004

## Related U.S. Application Data

(63) Continuation of application No. 09/966,124, filed on Sep. 27, 2001, now Pat. No. 6,871,815, which is a continuation-in-part of application No. 09/780,733, filed on Feb. 9, 2001, now Pat. No. 6,592,067.

(51) Int. CL B65H 20/02

(2006.01)

(52) U.S. CL ...... 242/564.4; 242/906 (58) Field of Classification Search . 242/559.2.

242/560.1, 563, 590, 596, 564.4, 906; 312/34.8, 312/34.22 See application file for complete search history.

(56) References Cited

## U.S. PATENT DOCUMENTS

2.193.759 A 3/1940 Birr 6/1958 Eagel et al. 2.839,345 A 2.859,814 A 11/1958 Berney

2,930,663 A	3/1960	Weiss
3,007,650 A	11/1961	Burton
3,269,592 A	8/1966	Slye
3,288,387 A	11/1986	Craves, Jr.
3,384,280 A	\$/1968	Summentby
3,628,743 A	12/1971	Bestian
3,635,417 A	VL972	Kajiwara et al.
3,636,408 A	1/1972	Shuman
3,730,409 A	5/1973	Ratti
3,743,865 A	7/1973	Riechman
3,850,356 A	11/1974	Abe et al.
3,858,951 A	1/1975	Rasmussen
3,917,191 A	11/1975	Graham, Jr. et al
4,099,118 A	7/1978	Pranklin et al.
4,106,684 A	8/1978	Hartbeuer et al.
4,148,442 A	4/1979	Beumann et al.
4,159,807 A	7/1979	Honsel et al.
4.165.138 A	<b>2/1979</b>	Hedge et al.
4,267,752 A	5/1981	Byrt et al.
4.358.169 A	11/1982	Filipowicz et al.
4.378.912 A	4/1983	Perria et al.
4.464.622 A	· 8/1984	Franklin

#### (Continued)

#### FOREIGN PATENT DOCUMENTS

3342921 A1 6/1985

DF

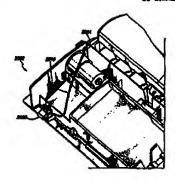
#### (Continued)

Primary Examiner-John Q. Nguyen (74) Attorney, Agent, or Firm-Pulbright & Jaworski LLP

#### (57)ABSTRACT

A method of grounding a dispenser. A low impedance path is connected to elements internal to the dispenser. The low impedance path is also connected to a surface contact spring which is adapted to contact an external mounting surface when the dispenser is affixed thereto. Static electrical charge accumulated on the elements is discharged through the low impedance path and the surface contact spring to the external mounting surface.

## 22 Claims, 23 Drawing Sheets



# (32) United States Patent

(10) Patent No .:

US 7,387,274 B2

Moody et al.

(45) Date of Patent:

\*Jun. 17, 2008

#### (54) STATIC BUILD-UP CONTROL IN DISPENSING SYSTEM

(75) Inventors: John R. Moedy, Normah, WI (US); Joshua M. Broehl, Worthington, OH

(73) Assignce: Georgia-Pacific Consumer Operations LLC, Atlanta, GA (US)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 34 days.

> This patent is subject to a terminal disclaimer.

(21) Appl. No.: 11/329,766

(65)

(22) Filed: Jan. 10, 2006

Prior Publication Data

US 2007/0029435 A1 Feb. 8, 2007

#### Related U.S. Application Data

(63) Continuation of application No. 10/807,988, filed on Mar. 23, 2004, now Pat. No. 7,017,856, which is a continuation of application No. 09/966,124, filed on Sep. 27, 2001, now Pat. No. 6,871,815, which is a continuation-in-part of application No. 09/780,733, filed on Feb. 9, 2001, now Pat. No. 6,592,067.

(51) Int. CL B65H 28/20 (2006.01)

(52) U.S. Cl. ,...... 242/564.4; 242/590; 242/906

(58) Field of Classification Search .... ..... 242/559.2, 242/560.1, 563, 564.4, 590, 596, 906; 312/34.8, 312/34.22

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

2.193,759 A 3/1940 Birr

2,839,345 A	6/1938	Engel
2,859,814 A	11/1958	Berney
2,930,663 A	3/1960	Weiss
3,007,650 A	11/1961	Burton
3,269,592 A	<b>2</b> /1966	Siye
3,288,387 A	11/1966	Craven, Jr.
3,384,280 A	5/1968	Summeraby
3,628,743 A	12/1971	Bastian
3,635,417 A	1/1972	Kajiwara
3,636,408 A	1/1972	Shuman
3,730,409 A	\$/1973	Ratti
3,743,865 A	7/1973	Riechmann
3,850,356 A	11/1974	Abe
3.858.951 A	1/1975	Remuseen
3,917,191 A	11/1975	Graham, Jr.
4,099,118 A	7/1978	Franklin
4.106.684 A	8/1978	Hartheuer

#### (Continued)

#### FOREIGN PATENT DOCUMENTS

3342921

DE

6/1985

#### (Continued)

Primary Examiner-William A Rivera (74) Attorney, Agent, or Firm-Joel T. Charlton

(57)ABSTRACT

A method of grounding a dispenser. A low impedance path is connected to elements internal to the dispenser. The low impedance path is also connected to a surface contact spring which is adapted to contact an external mounting surface when the dispensor is affixed thereto. Static electrical charge accumulated on the elements is discharged through the low impedance path and the surface contact spring to the external mounting surface.

22 Cisims, 23 Drawing Sheets

